

#### "Bringing Opportunities Home"

UTILITIES SERVICES BRANCH

8861 GOVERNMENT DR. NEW PURT RICHEY 1514 134654

E-MAIL: cmulhern@pascocounty

NOV 06 2012

Southwest District

ENVIRONMENTAL LABORATORY

DADE CITY LAND O' LAKES NEW PORT RICHEY (352) 523-2411 (813) 996-2411 (727) 847-8902

FAX

(727) 847-8112

November 2, 2012

Mr. John Morris Waste Management Section Florida Department of Environmental Protection 13051 N. Telecom Pkwy. Temple Terrace, FL 33637

RE: Hays Road Class I and III Landfill

Quarter IV, 2012 Gas Monitoring

Dear Mr. Morris:

Enclosed please find the results of gas monitoring conducted at the Hays Road Class I and III Landfill as required in the permit for this facility. The gas monitoring was conducted using a CES Landtec GEM2000 Gas Meter. Calibration of the instrument was conducted prior to field analysis using a 40% methane gas and 50% LEL methane gas. The meter was allowed to run for two minutes and the highest reading obtained was recorded. All wells recorded 0.00% LEL at this site.

This completes the Quarter IV, 2012 gas monitoring requirement at this facility. If you have any questions please feel free to contact me.

Sincerely,

Candia E. Mulhern Laboratory Manager

cc: MS 4565 Solid Waste Section, Florida DEP, 2600 Blair Stone Rd., Tallahassee, Fl 32399-2400 Aamod Sonawane, CDM, Westshore Center Suite 875, 1715 North Westshore Blvd., Tampa, Fl 33607 Robert J. Sigmond, Utilities Fiscal Services/Special Projects Director John Power, Solid Waste Facility Manager

Page 1 of 1



"Bringing Opportunities Home"

8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

Date: 11/1/2012

**REPORT OF ANALYSES** 

West Pasco Class III Landfill Havs Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB87630

DATE SAMPLED 10/22/2012

DATE RECEIVED 10/31/20

TIME RECEIVED 15:30

AB87630 SAMPLE ID SCALE HOUSE @ CLASS III

10/31/2012 SAMPLER WMM

DELIVERED BY WMM

SAMPLE MATRIX GAS

TIME SAMPLED 12:19 RECEIVED BY AC

SAMPLE TYPE

Pumped

			ANALYSIS					
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:19	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	12:19	WM	0.0	D	% VOL	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carlia E. /hulke



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

**West Pasco** 

Class III Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB87631 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

10/22/2012

15:30

10/31/2012 SAMPLER WMM

**DELIVERED BY WMM** 

Date: 11/1/2012

SAMPLE MATRIX GAS

TIME SAMPLED 12:22 RECEIVED BY AC

Carlin E. Phulks

SAMPLE TYPE

Pumped

ANALYSIS			ANALYS	SIS				DET
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:22	WM	0.0	D	% LEL	0
Percent Volume Methane	METED	10/22/2012	12:22	AA/AA	0.0	D	9/, \/O1	Λ

SAMPLE ID LF OPERATIONS OFF @ CLASS III

ANALYSIS COMMENTS:

LABORATORY DIRECTOR



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**ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87602

15:30

SAMPLE ID 2MW1 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/22/2012

10/31/2012 SAMPLER WMM

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS

TIME SAMPLED 8:56 RECEIVED BY AC

Carlin E. Phulhe

**SAMPLE TYPE** 

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	8:56	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	8:56	WM	0.0	D	% VOL	Ö
Water Level	DEP-SOP	10/22/2012	8:56	WM	DRY	D	Feet	Ō

**ANALYSIS COMMENTS:** 

THIS DOCUMENT MEETS NELAC STANDARDS



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

REPORT OF ANALYSES

Resource Recovery Class I Landfill **Hays Road** Shady Hills, FI John Power

DATE RECEIVED

TIME RECEIVED

Date: 11/1/2012

SAMPLE NUMBER AB87603 DATE SAMPLED 10/22/2012

15:30

SAMPLE ID 4MW1 @ RESREC

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 9:00 RECEIVED BY AC SAMPLE TYPE Pumped

**ANALYSIS** DET. **ANALYSIS METHOD** DATE TIME BY **RESULT QUAL. UNIT** LIMIT 10/22/2012 9:00 **Percent Lower Explosive Limit** METER WM 0.0 D % LEL 0 Percent Volume Methane 10/22/2012 9:00 METER WM 0.0 D % VOL 0 Water Level **DEP-SOP** 10/22/2012 9:00 WM 14.53 D Feet n

**ANALYSIS COMMENTS:** 

Condia E. Phulha **LABORATORY DIRECTOR** 



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

#### **REPORT OF ANALYSES**

Resource Recovery Class I Landfill Havs Road Shady Hills, FI John Power

TIME RECEIVED

Date: 11/1/2012

SAMPLE NUMBER AB87604 SAMPLE ID 2MW2 @ RESREC DATE SAMPLED 10/22/2012

DATE RECEIVED

15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 9:20 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	9:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	9:20	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	9:20	WM	19.99	D	Feet	0

**ANALYSIS COMMENTS:** 

landia E. / Kulha LABORATORY DIRECTOR



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**ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery Class I Landfill Hays Road Shady Hills, FI John Power

DATE RECEIVED

TIME RECEIVED

Date: 11/1/2012

DATE SAMPLED

10/22/2012

SAMPLE NUMBER AB87605 SAMPLE ID 4MW2 @ RESREC

15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 9:25 RECEIVED BY AC **SAMPLE TYPE** Pumped

Combin E. /hulha

			ANALYS	SIS			OLIAL LINIT				
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	DET. LIMIT			
Percent Lower Exptosive Limit	METER	10/22/2012	9:25	WM	0.0	D	% LEL	0			
Percent Volume Methane	METER	10/22/2012	9:25	WM	0.0	D	% VOL	0			
Water Level	DEP-SOP	10/22/2012	9:25	WM	20.16	D	Feet	0			

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

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**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87606

15:30

SAMPLE ID 2MW4 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/22/2012

10/31/2012 SAMPLER WMM DELIVERED BY WMM SAMPLE MATRIX GAS TIME SAMPLED 10:20 RECEIVED BY AC

SAMPLE TYPE **Pumped** 

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:20	WM	0.0	D	% VOL	Ō
Water Level	DEP-SOP	10/22/2012	10:20	WM	DRY	D	Feet	Ō

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Carlie E. / Kulke

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ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill **Havs Road** Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87607

SAMPLE ID 4MW4 @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/22/2012

10/31/2012 SAMPLER WMM

15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS

TIME SAMPLED 10:30 RECEIVED BY AC

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	10:30	WM	21.18	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Combin E. / hulken



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery Class I Landfill Hays Road Shady Hills, FI John Power

TIME RECEIVED

Date: 11/1/2012

SAMPLE NUMBER AB87608 SAMPLE ID 2MW5 @ RESREC DATE SAMPLED 10/22/2012

15:30

DATE RECEIVED 10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 12:13 RECEIVED BY AC SAMPLE TYPE Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:13	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	12:13	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	12:13	WM	DRY	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

Carlin E. Thulke



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER** CHRIS CHILDRESS

REPORT OF ANALYSES

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87609

TIME RECEIVED

SAMPLE ID 4MW5 @ RESREC

DATE SAMPLED DATE RECEIVED 10/22/2012

10/31/2012 SAMPLER WMM

15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS

TIME SAMPLED 12:10 RECEIVED BY AC

Carlin E. Phulke

**SAMPLE TYPE** 

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	12:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	12:10	WM	18.62	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

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**NELAC Certification # E44123** 

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**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

REPORT OF ANALYSES

Resource Recovery

Class I Landfill **Havs Road** Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87610

SAMPLE ID 2MW6 @ RESREC

DATE SAMPLED

10/22/2012

10/31/2012 SAMPLER WMM

DATE RECEIVED TIME RECEIVED

15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 9:30 RECEIVED BY AC SAMPLE TYPE

India E. Phulke

**Pumped** 

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	9:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	9:30	WM	0.0	D	% VOL	Ö
Water Level	DEP-SOP	10/22/2012	9:30	WM	DRY	D	Feet	Ō

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR



"Bringing Opportunities Home"

8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB87611

DATE SAMPLED

DATE RECEIVED 10/3

TIME RECEIVED 15:30

AB8/611 10/22/2012

10/31/2012 SAMPLER WMM 15:30 DELIVERED BY WMM

SAMPLE ID 4MW6 @ RESREC

Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 9:35

RECEIVED BY AC

Sandia E. Thulken

SAMPLE TYPE

Pumped

		i	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	9:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	9:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	9:35	WM	20.10	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery Class I Landfill Havs Road

Shady Hills, FI John Power

SAMPLE NUMBER AB87612 DATE SAMPLED

10/22/2012

DATE RECEIVED 10/31/2012 SAMPLER WMM TIME RECEIVED 15:30

SAMPLE ID 4MW11D @ RESREC

**DELIVERED BY WMM** 

Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:10 RECEIVED BY AC **SAMPLE TYPE** Pumped

madia E. Phulle

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:10	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	11:10	WM	32.03	D	Feet	0

**ANALYSIS COMMENTS:** 

**LABORATORY DIRECTOR** 



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

Date: 11/1/2012

#### **REPORT OF ANALYSES**

Resource Recovery Class I Landfill

Havs Road Shady Hills, FI

John Power

SAMPLE NUMBER AB87613

15:30

SAMPLE ID 4MW12D @ RESREC

DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/22/2012

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS

TIME SAMPLED 11:15 RECEIVED BY AC

SAMPLE TYPE

**Pumped** 

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:15	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:15	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	11:15	WM	22.85	D	Feet	0

**ANALYSIS COMMENTS:** 

**LABORATORY DIRECTOR** 

La E. Thull.

THIS DOCUMENT MEETS NELAC STANDARDS **NELAC Certification # E44123** 

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"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87614

SAMPLE ID 4MW13D @ RESREC

DATE SAMPLED

10/22/2012

10/31/2012 SAMPLER WMM

DATE RECEIVED TIME RECEIVED

15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 11:20

RECEIVED BY AC

India E. Thulken

SAMPLE TYPE

Pumped

			ANALYS	SiS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:20	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:20	WM	0.0	D	% VOL	Ô
Water Level	DEP-SOP	10/22/2012	11:20	WM	22.35	D	Feet	0

**ANALYSIS COMMENTS:** 

THIS DOCUMENT MEETS NELAC STANDARDS



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill **Hays Road** Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87615 DATE SAMPLED

SAMPLE ID 2MW13 @ RESREC

10/22/2012

10/31/2012 SAMPLER WMM

DATE RECEIVED TIME RECEIVED

15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS

TIME SAMPLED 11:25

RECEIVED BY AC SAMPLE TYPE

Consin E. Thulks

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:25	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:25	WM	0.0	D	% VOL	Ô
Water Level	DEP-SOP	10/22/2012	11:25	WM	DRY	D	Feet	Ō

**ANALYSIS COMMENTS:** 

THIS DOCUMENT MEETS NELAC STANDARDS



"Bringing Opportunities Home"

ENVIRONMENTAL LABORATORY
8864 GOVERNMENT DRIVE
NEW PORT RICHEY, FL 34654
PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

SAMPLE NUMBER AB87616

10/22/2012

DATE SAMPLED DATE RECEIVED TIME RECEIVED

10/31/2012 SAMPLER WMM

15:30

SAMPLE ID 4MW14D @ RESREC

DELIVERED BY WMM

Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 11:30

RECEIVED BY AC SAMPLE TYPE

Jalia E. /hulke

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	11:30	WM	19.47	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

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"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87617

TIME RECEIVED

SAMPLE ID 2MW15 @ RESREC

DATE SAMPLED DATE RECEIVED

10/22/2012

10/31/2012 SAMPLER WMM 15:30

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 9:05 RECEIVED BY AC SAMPLE TYPE

Parlie E. / hulke

**Pumped** 

		ANALYSIS						DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	9:05	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	9:05	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	9:05	WM	19.85	D	Feet	0

**ANALYSIS COMMENTS:** 

THIS DOCUMENT MEETS NELAC STANDARDS

**NELAC Certification # E44123** 

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"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87618 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

15:30

SAMPLE ID 2MW17S @ RESREC

10/22/2012

10/31/2012 SAMPLER WMM

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 10:35

RECEIVED BY AC

India E. Thulle

SAMPLE TYPE

**Pumped** 

		,	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:35	WM	0.0	D	% VOL	Ō
Water Level	DEP-SOP	10/22/2012	10:35	WM	23.75	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

THIS DOCUMENT MEETS NELAC STANDARDS



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123** CONTACTS: **GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87619 DATE SAMPLED DATE RECEIVED

TIME RECEIVED

SAMPLE ID 2MW18D @ RESREC

10/22/2012

15:30

10/31/2012 SAMPLER WMM

**DELIVERED BY WMM** 

SAMPLE MATRIX GAS

TIME SAMPLED 11:00 RECEIVED BY AC

SAMPLE TYPE

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	11:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	11:00	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	11:00	WM	23.24	D	Feet	0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Combin Z. Thull-

THIS DOCUMENT MEETS NELAC STANDARDS **NELAC Certification # E44123** 

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"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

SAMPLE ID 2MW19 @ RESREC

Resource Recovery

Class I Landfill Hays Road Shady Hills, FI John Power

DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

SAMPLE NUMBER AB87620

10/22/2012

15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  Date: 11/1/2012

SAMPLE MATRIX GAS

TIME SAMPLED 10:50 RECEIVED BY AC

fordia E. Thulk-

SAMPLE TYPE

Pumped

		ı	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:50	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	10:50	WM	22.03	D	Feet	0

**ANALYSIS COMMENTS:** 

**LABORATORY DIRECTOR** 

THIS DOCUMENT MEETS NELAC STANDARDS



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

West Pasco

Class III Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87627 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

SAMPLE ID 2MW7 @ CLASS III

10/22/2012

15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 12:30

RECEIVED BY AC SAMPLE TYPE

Pumped

		4	ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:30	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	12:30	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	12:30	WM	DRY	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

fordin E. Phulke



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

REPORT OF ANALYSES

**West Pasco** Class III Landfill

**Havs Road** Shady Hills, FI

John Power

SAMPLE NUMBER AB87628 DATE SAMPLED DATE RECEIVED

TIME RECEIVED

10/22/2012

15:30

SAMPLE ID 2MW8 @ CLASS III

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 12:35

RECEIVED BY AC

andia E. /hulle

**SAMPLE TYPE** 

Pumped

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	12:35	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	12:35	WM	0.0	D	% VOL	0
Water Level	DEP-SOP	10/22/2012	12:35	WM	DRY	D	Feet	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR



"Bringing Opportunities Home"

ENVIRONMENTAL LABORATORY 8864 GOVERNMENT DRIVE NEW PORT RICHEY, FL 34654 PHONE 727-847-8902

NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS

**REPORT OF ANALYSES** 

Resource Recovery Class III Landfill Hays Road

Shady Hills, FI

John Power

SAMPLE NUMBER AB87629 DATE SAMPLED 10/22/2012

DATE RECEIVED 10/31/201

TIME RECEIVED 15:30

SAMPLE ID 2MW10 @ CLASS III

10/31/2012 SAMPLER WMM 15:30 DELIVERED BY WMM Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 12:33 RECEIVED BY AC

who E. Phulle

SAMPLE TYPE Pumped

**ANALYSIS** DET. **ANALYSIS METHOD** DATE TIME BY **RESULT QUAL. UNIT** LIMIT 12:33 10/22/2012 **Percent Lower Explosive Limit** METER WM 0.0 D % LEL 0 Percent Volume Methane 10/22/2012 12:33 WM 0.0 D % VOL 0 METER 10/22/2012 12:33 Water Level **DEP-SOP** WM DRY D Feet 0

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

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NELAC Certification # E44123

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"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class | Landfill Hays Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87621

SAMPLE ID GMP1 @ RESREC

DATE SAMPLED DATE RECEIVED 10/22/2012

10/31/2012 SAMPLER WMM

TIME RECEIVED 15:30 **DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 10:40

RECEIVED BY AC

SAMPLE TYPE Pumped

ANAI VOIS

		•		J. (J				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:40	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:40	WM	0.0	D	% VOL	0

**ANALYSIS COMMENTS:** 

**LABORATORY DIRECTOR** 

Soudia E. Phulke



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

Date: 11/1/2012

**REPORT OF ANALYSES** 

Resource Recovery Class I Landfill **Hays Road** 

Shady Hills, FI John Power

SAMPLE NUMBER AB87622 DATE SAMPLED

10/22/2012

SAMPLE ID GMP2 @ RESREC

DATE RECEIVED TIME RECEIVED

15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 10:10

RECEIVED BY AC

landia Z. Thull-

SAMPLE TYPE

**Pumped** 

			ANALYS	SIS				DET.
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:10	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:10	WM	0.0	D	% VOL	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR



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**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

Date: 11/1/2012

SAMPLE NUMBER AB87623 DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

SAMPLE ID GMP3 @ RESREC

15:30

10/22/2012

10/31/2012 SAMPLER WMM **DELIVERED BY WMM**  SAMPLE MATRIX GAS TIME SAMPLED 10:00

RECEIVED BY AC

SAMPLE TYPE

Pumped

ANALYSIS	ANALYSIS							DET.
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:00	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:00	WW	0.0	D	% V/OI	Λ

ANALYSIS COMMENTS:

LABORATORY DIRECTOR

Carolin Z. / hulke



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

DATE SAMPLED

DATE RECEIVED

TIME RECEIVED

SAMPLE NUMBER AB87624

10/22/2012

15:30

10/31/2012 SAMPLER WMM

SAMPLE ID GMP4 @ RESREC

**DELIVERED BY WMM** 

Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 10:55

Carlie Z. Thulke

RECEIVED BY AC SAMPLE TYPE

Pumped

ANALYSIS	ANALYSIS							DET.
	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:55	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:55	WM	0.0	D	% \/OI	Λ

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR



"Bringing Opportunities Home"

**ENVIRONMENTAL LABORATORY** 8864 GOVERNMENT DRIVE **NEW PORT RICHEY, FL 34654** PHONE 727-847-8902

**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

Date: 11/1/2012

**REPORT OF ANALYSES** 

Resource Recovery

Class | Landfill Havs Road Shady Hills, FI John Power

SAMPLE NUMBER AB87625

10/22/2012

SAMPLE ID GMP5 @ RESREC

DATE SAMPLED DATE RECEIVED

10/31/2012 SAMPLER WMM

TIME RECEIVED 15:30 **DELIVERED BY WMM** 

SAMPLE MATRIX GAS TIME SAMPLED 10:45 RECEIVED BY AC

Carolia E. / Kulker

SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	10:45	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	10:45	WM	0.0	D	% VOL	0

**ANALYSIS COMMENTS:** 

LABORATORY DIRECTOR

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**NELAC E44123 CONTACTS: GLORIA KRUEGER CHRIS CHILDRESS** 

**REPORT OF ANALYSES** 

Resource Recovery

Class I Landfill Havs Road Shady Hills, FI John Power

SAMPLE NUMBER AB87626

SAMPLE ID GMP6 @ RESREC

10/22/2012 DATE SAMPLED

DATE RECEIVED TIME RECEIVED 15:30

10/31/2012 SAMPLER WMM **DELIVERED BY WMM** 

Date: 11/1/2012

SAMPLE MATRIX GAS TIME SAMPLED 9:50 RECEIVED BY AC

SAMPLE TYPE

Pumped

	ANALYSIS						DET.	
ANALYSIS	METHOD	DATE	TIME	BY	RESULT	QUAL.	UNIT	LIMIT
Percent Lower Explosive Limit	METER	10/22/2012	9:50	WM	0.0	D	% LEL	0
Percent Volume Methane	METER	10/22/2012	9:50	WM	0.0	D	% VOL	0

**ANALYSIS COMMENTS:** 

**LABORATORY DIRECTOR** 

Conside E. Thulke